

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 503.35443CC4	SERIAL NO. FDD
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT NAGAI, et al.	
		FILING DATE December 1, 2003	EXPECTED GROUP 2813 4717

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
JB	AA 5,561,323	10-96	Andros, et al.	257	707	
JB	AB 5,668,405	9-97	Yamashita	257	668	
JB	AC 5,800,758	9-98	Topolkaev, et al.	264	154	
JB	AD 5,866,949	2-99	Schueler	257	778	
JB	AE 5,895,965	4-99	Tanaka, et al.	257	668	
JB	AF 5,148,265	9-92	Khandros, et al.			
JB	AG 6,114,753	9-00	Nagai, et al.	257	668	
JB	AH 5,990,545	11-99	Schueler, et al.	257	697	
JB	AI 5,900,312	5-99	Sylvester	428	322.7	
JB	AJ 5,766,740	6-98	Olson	428	209	
JB	AK 5,219,640	6-93	Gazit, et al.	428	209	
JB	AL 4,461,800	7-84	Tanaka	428	217	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JB	AM 4-3438	01-08-92	Japan	—	—	X	
JB	AN 8-83818	03-26-96	Japan	—	—	X	
JB	AO 9-107046	04-22-97	Japan	—	—	X	
JB	AP 8-111473	04-30-96	Japan	—	—	X	
JB	AQ 6-256733	09-13-94	Japan	—	—	X	
JB	AR 9-275161	10-21-97	Japan	—	—	X	
JB	AS 6-346030	12-20-94	Japan	—	—	X	
JB	AT 8-31868	02-02-96	Japan	—	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
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Examiner	Date Considered
Heather Doty	5/4/05